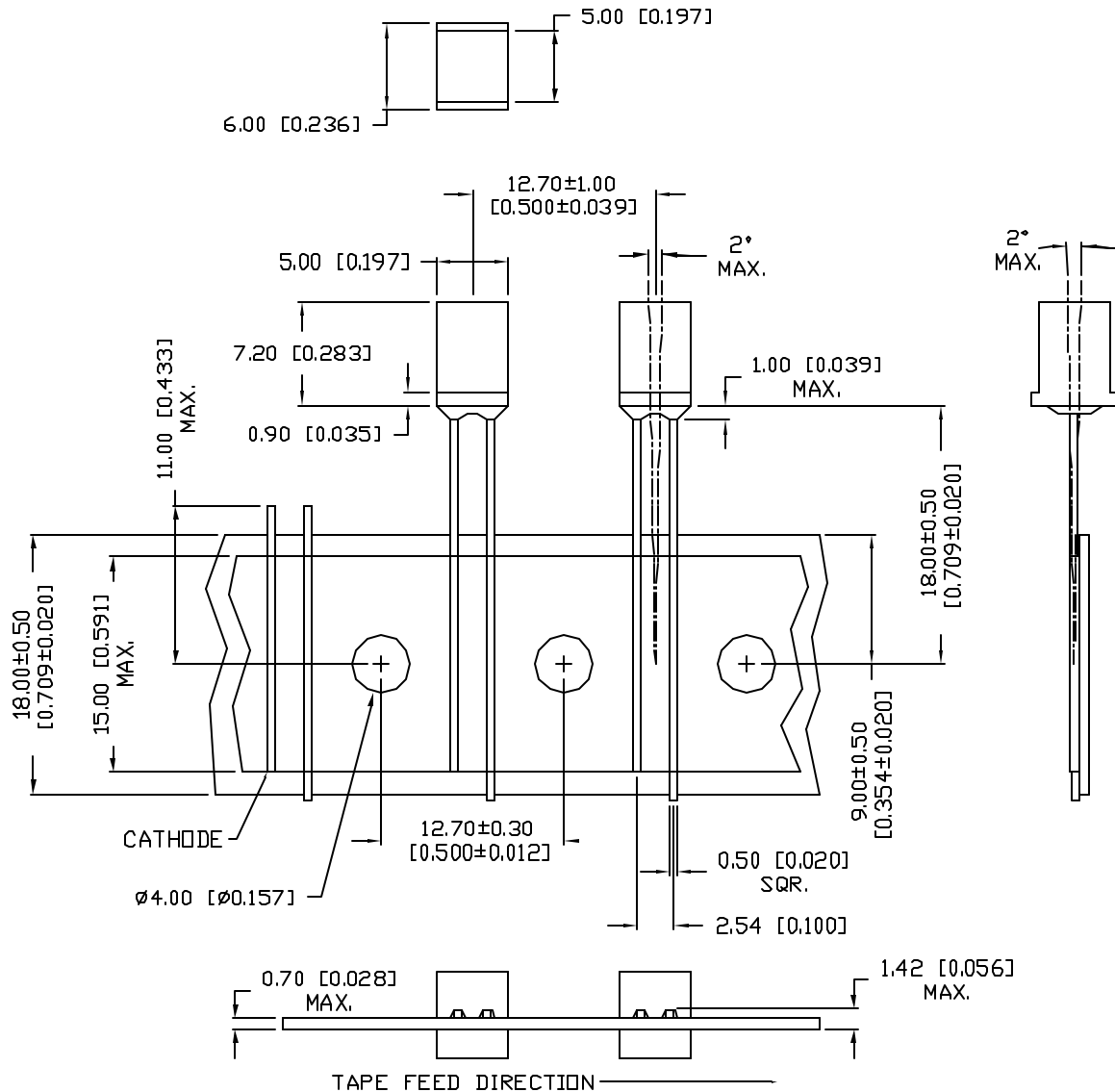


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PART NUMBER  
SSL-LX5573GD-TRREV.  
A

| REV. | E.C.N. NUMBER AND REVISION COMMENTS | DATE     |
|------|-------------------------------------|----------|
| A    | E.C.N. #11148                       | 11.08.06 |

ELECTRO-OPTICAL CHARACTERISTICS  $T_A=25^\circ\text{C}$   $I_f=20\text{mA}$ 

| PARAMETER          | MIN            | TYP         | MAX | UNITS    | TEST COND            |
|--------------------|----------------|-------------|-----|----------|----------------------|
| PEAK WAVELENGTH    |                | 565 (GREEN) |     | nm       |                      |
| FORWARD VOLTAGE    |                | 2.2         | 2.6 | $V_f$    |                      |
| REVERSE VOLTAGE    | 5.0            |             |     | $V_r$    | $I_f=100\mu\text{A}$ |
| AXIAL INTENSITY    |                | 10          |     | mcd      | $I_f=20\text{mA}$    |
| VIEWING ANGLE      |                | 120         |     | 2x theta |                      |
| EMITTED COLOR:     | GREEN          |             |     |          |                      |
| EPOXY LENS FINISH: | GREEN DIFFUSED |             |     |          |                      |

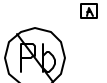
LIMITS OF SAFE OPERATION AT  $25^\circ\text{C}$ 

| PARAMETER                      | MAX        | UNITS                |
|--------------------------------|------------|----------------------|
| PEAK FORWARD CURRENT*          | 150        | mA                   |
| STEADY CURRENT                 | 25         | mA                   |
| POWER DISSIPATION              | 105        | mW                   |
| DERATE FROM $25^\circ\text{C}$ | -1.2       | mW/ $^\circ\text{C}$ |
| OPERATING, STORAGE TEMP.       | -40 TO +85 | $^\circ\text{C}$     |
| SOLDERING TEMP.                | +260       | $^\circ\text{C}$     |
| 2.0mm FROM BODY                |            | 3 SEC. MAX           |

\*  $t < 10\mu\text{s}$ 

NOTES:

1. 1,000 PIECES PER REEL.



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\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), MIN.=+DECIMAL PRECISION -0.00, MAX.=+0.00 -DECIMAL PRECISION

REV.

A

PART NUMBER

SSL-LX5573GD-TR

5mm x 5mm SQUARE LED, 565nm GREEN,  
GREEN DIFFUSED TOP, TAPE AND REEL.

## CONFIDENTIAL INFORMATION

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## RELIABILITY NOTE

OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.

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